

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032123\
 Data File : VX034657.D
 Acq On : 21 Mar 2023 16:14
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Mar 22 02:06:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

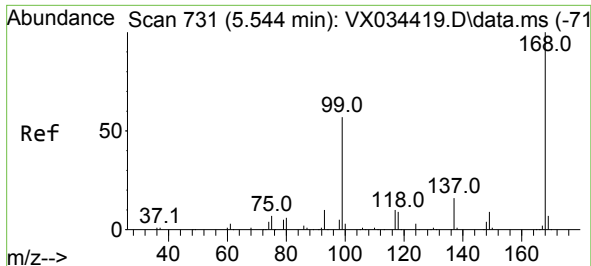
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	262692	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	445862	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	441793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174195	45.581	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.160%		
35) Dibromofluoromethane	5.385	113	131826	44.781	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.560%		
50) Toluene-d8	8.647	98	536708	48.839	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.680%		
62) 4-Bromofluorobenzene	11.079	95	190970	43.022	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.040%		
Target Compounds						Qvalue
3) Chloromethane	1.307	50	651	Below Cal	#	42
5) Bromomethane	1.599	94	364	0.216	ug/l #	10
6) Chloroethane	1.673	64	404	0.210	ug/l #	42
11) Tert butyl alcohol	2.941	59	4546	5.712	ug/l #	75
13) Acrolein	2.215	56	227	0.361	ug/l #	14
16) Acetone	2.380	43	1034	0.574	ug/l #	70
18) Methyl Acetate	2.703	43	1183	0.201	ug/l #	84
20) Methylene Chloride	2.788	84	1025	0.293	ug/l #	75
31) Cyclohexane	5.550	56	6629	1.237	ug/l #	10
36) 1,1-Dichloropropene	5.544	75	21422	4.738	ug/l #	50
38) Carbon Tetrachloride	5.550	117	26624	5.919	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2761	0.569	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	99580	24.376	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	99580	65.945	ug/l #	8

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Mar 22 02:06:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

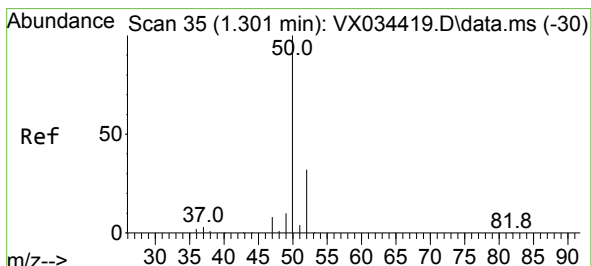
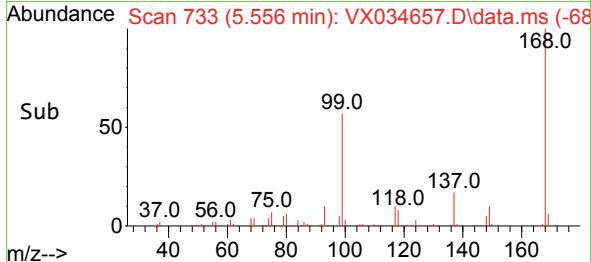
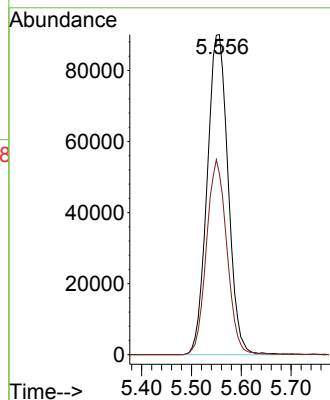
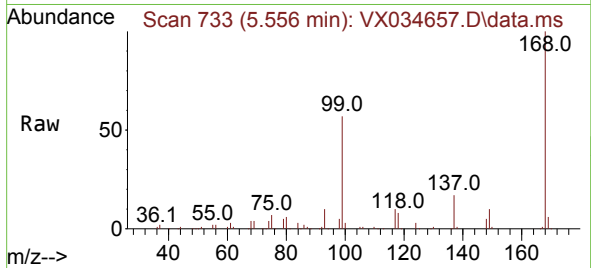




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

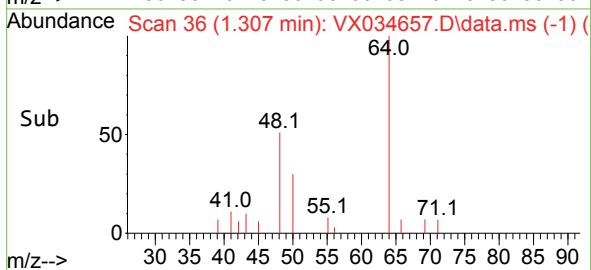
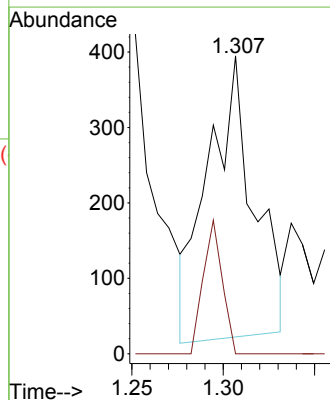
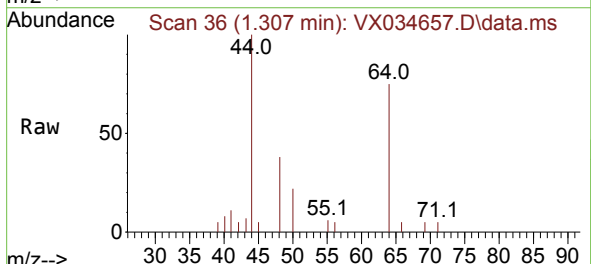
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

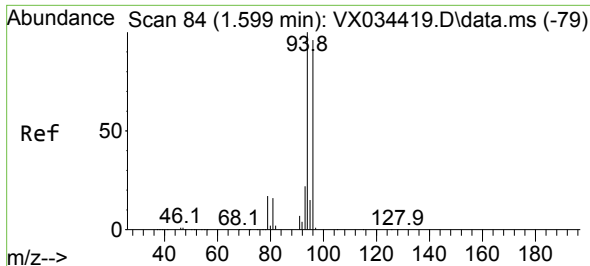
Tgt Ion:168 Resp: 262692
Ion Ratio Lower Upper
168 100
99 56.5 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

Tgt Ion: 50 Resp: 651
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

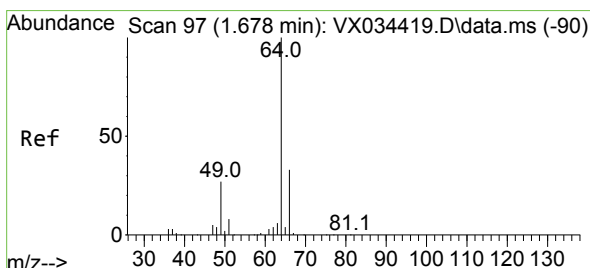
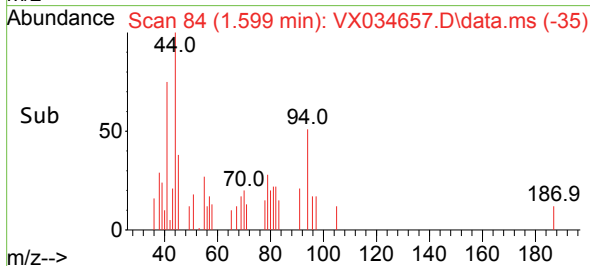
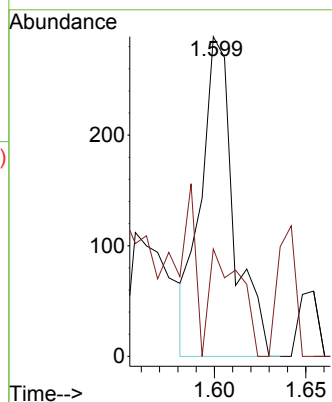
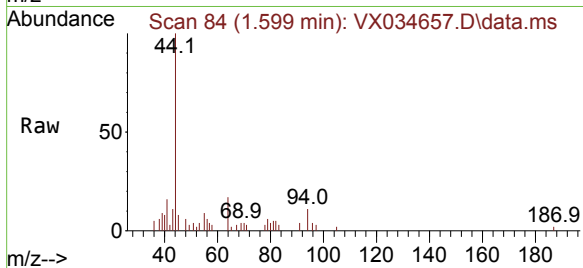




#5
Bromomethane
Concen: 0.216 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

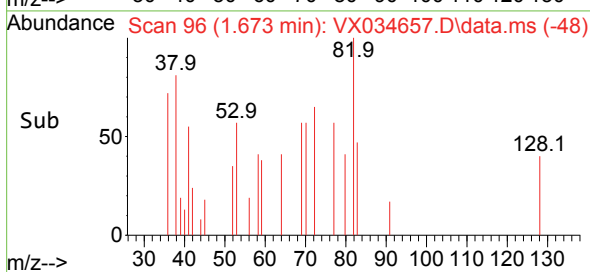
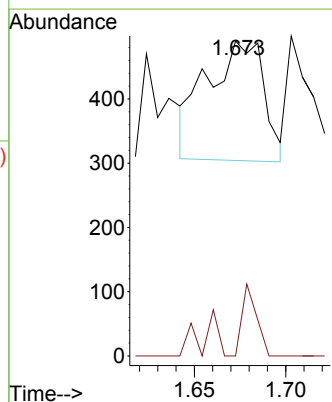
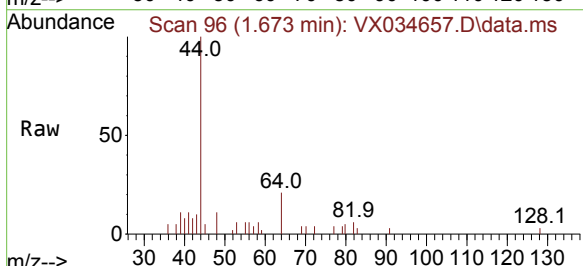
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

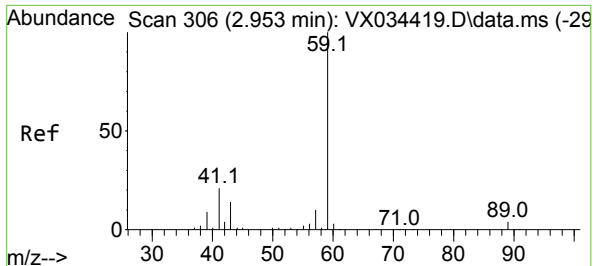
Tgt Ion: 94 Resp: 364
Ion Ratio Lower Upper
94 100
96 8.7 77.0 115.6#



#6
Chloroethane
Concen: 0.210 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.005 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

Tgt Ion: 64 Resp: 404
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#11

Tert butyl alcohol

Concen: 5.712 ug/l

RT: 2.941 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX034657.D

Acq: 21 Mar 2023 16:14

Instrument :

MSVOA_X

ClientSampleId :

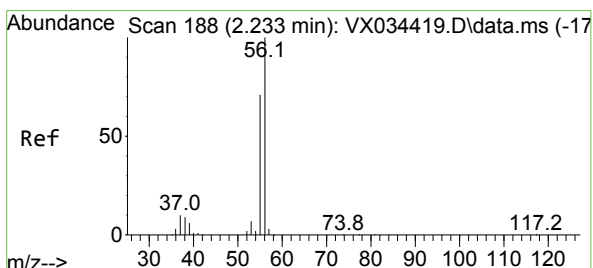
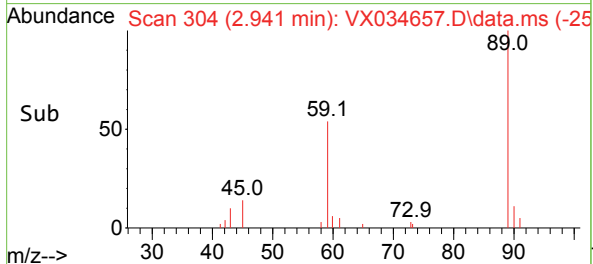
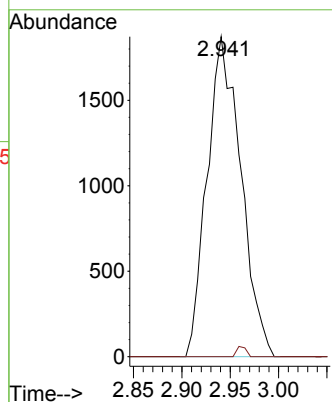
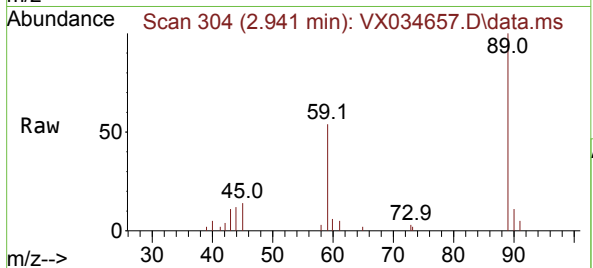
VIBLK

Tgt Ion: 59 Resp: 4546

Ion Ratio Lower Upper

59 100

57 0.9 8.1 12.1#



#13

Acrolein

Concen: 0.361 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.018 min

Lab File: VX034657.D

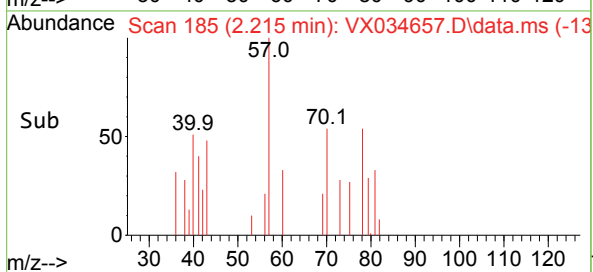
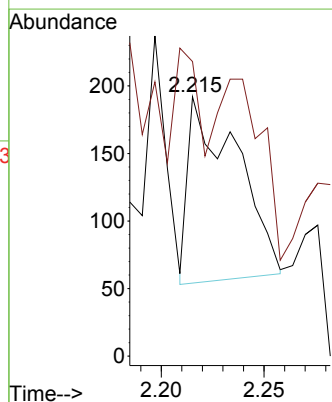
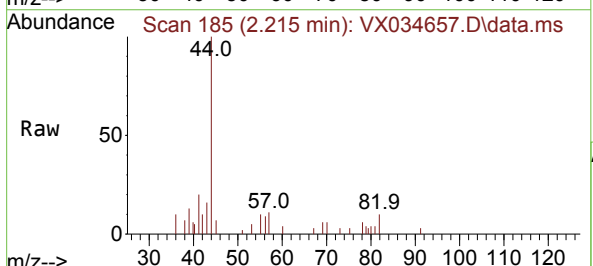
Acq: 21 Mar 2023 16:14

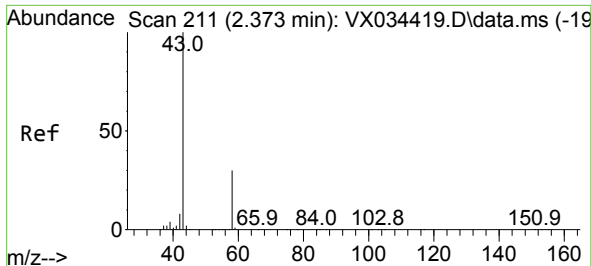
Tgt Ion: 56 Resp: 227

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#

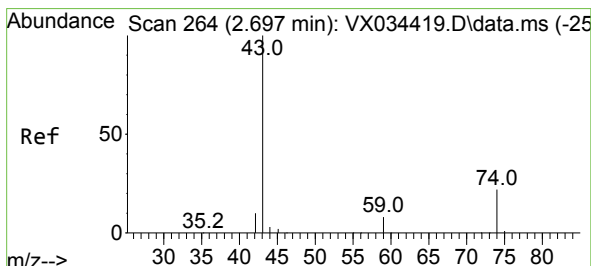
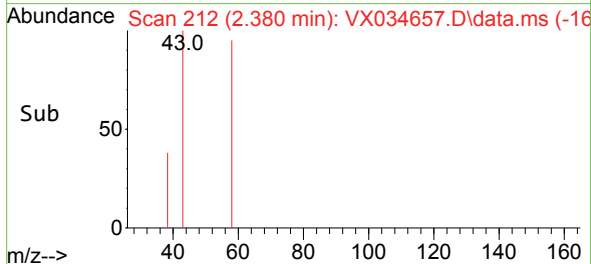
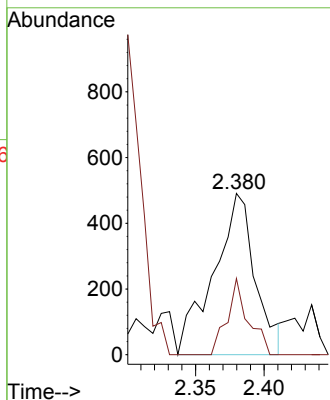
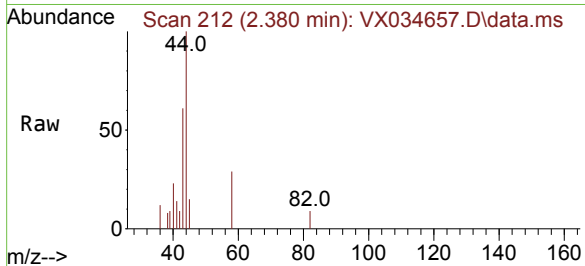




#16
Acetone
Concen: 0.574 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

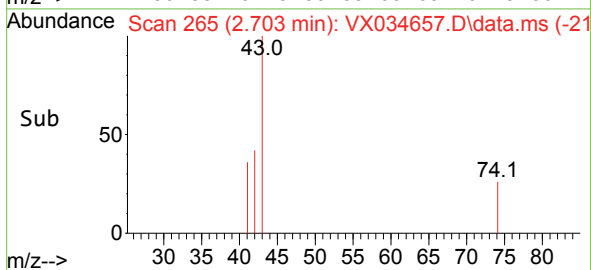
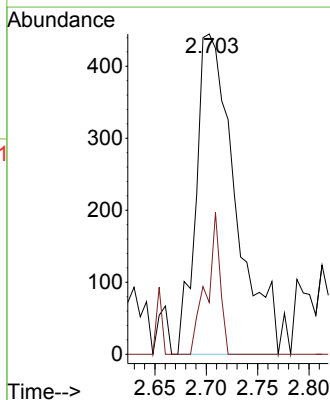
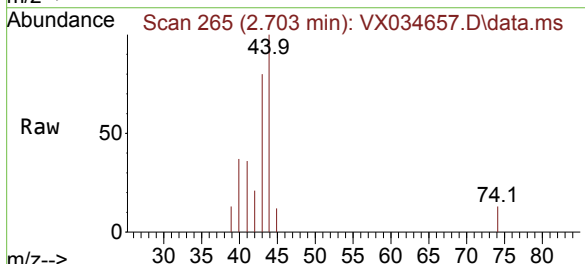
Instrument :
MSVOA_X
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VIBLK

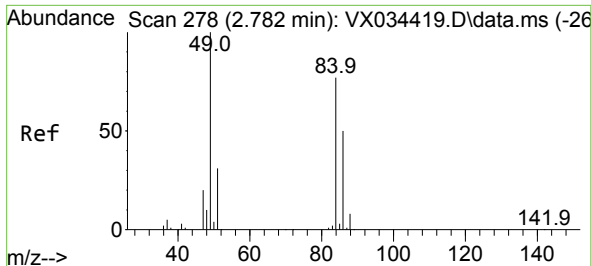
Tgt Ion: 43 Resp: 1034
Ion Ratio Lower Upper
43 100
58 47.3 24.7 37.1#



#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

Tgt Ion: 43 Resp: 1183
Ion Ratio Lower Upper
43 100
74 15.3 18.3 27.5#

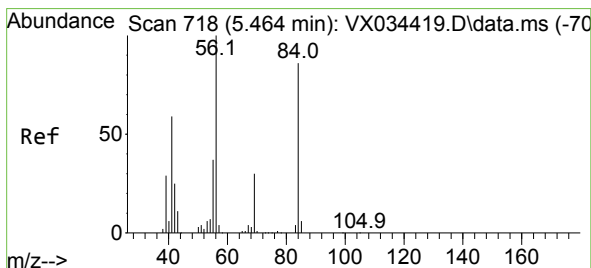
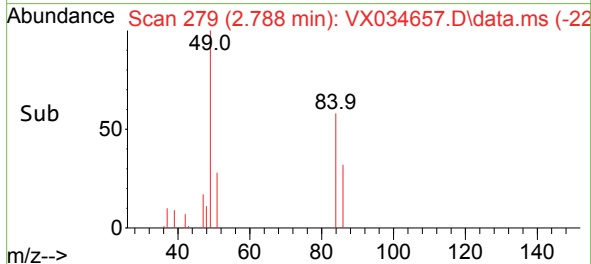
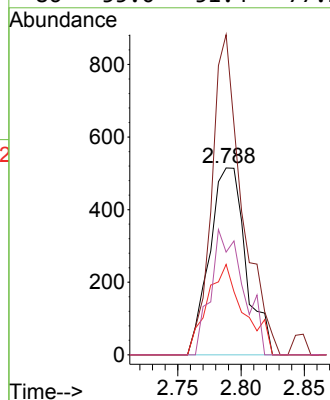
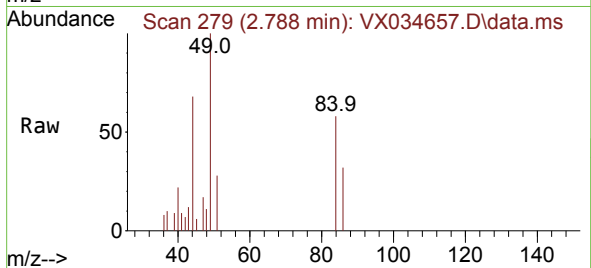




#20
Methylene Chloride
Concen: 0.293 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

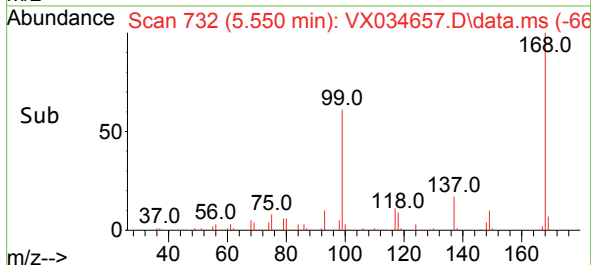
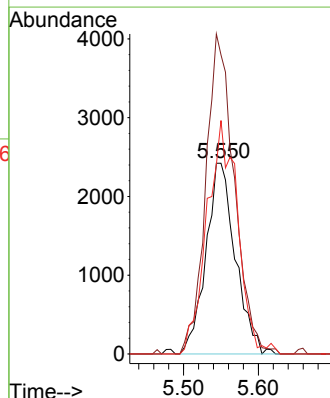
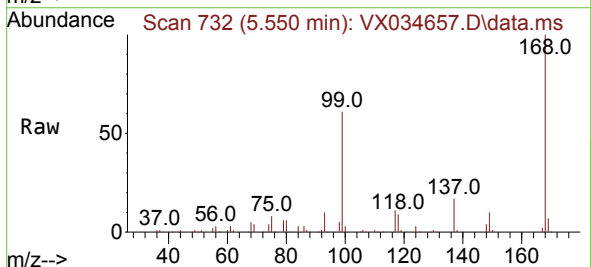
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

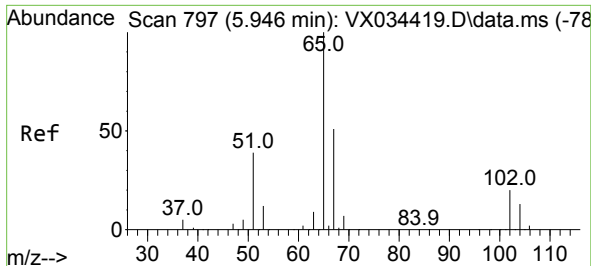
Tgt Ion:	84	Resp:	1025
Ion	Ratio	Lower	Upper
84	100		
49	171.3	103.8	155.8#
51	48.3	31.8	47.8#
86	55.0	51.4	77.2



#31
Cyclohexane
Concen: 1.237 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

Tgt Ion:	56	Resp:	6629
Ion	Ratio	Lower	Upper
56	100		
69	156.8	23.7	35.5#
84	122.3	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 45.581 ug/l

RT: 5.958 min Scan# 79

Delta R.T. 0.012 min

Lab File: VX034657.D

Acq: 21 Mar 2023 16:14

Instrument :

MSVOA_X

ClientSampleId :

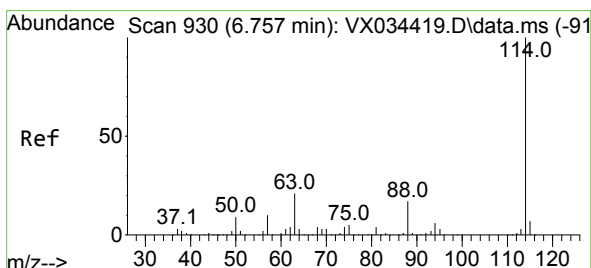
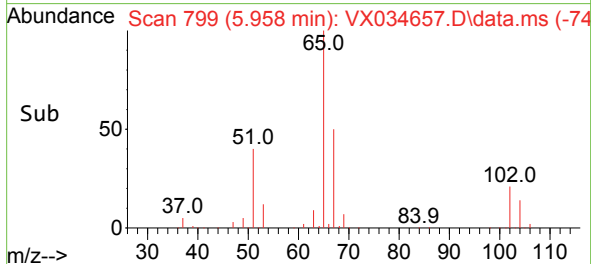
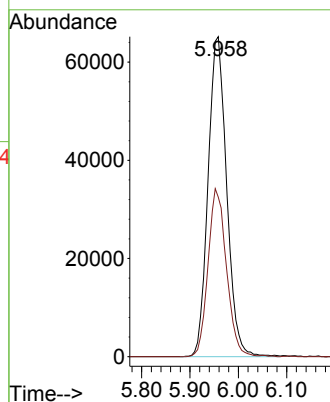
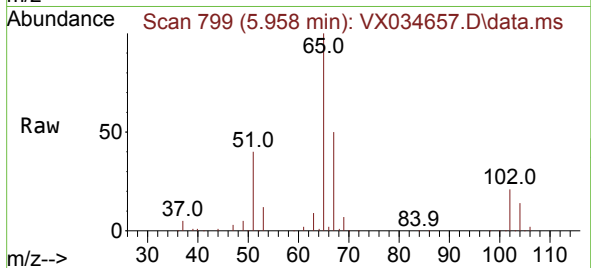
VIBLK

Tgt Ion: 65 Resp: 174195

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034657.D

Acq: 21 Mar 2023 16:14

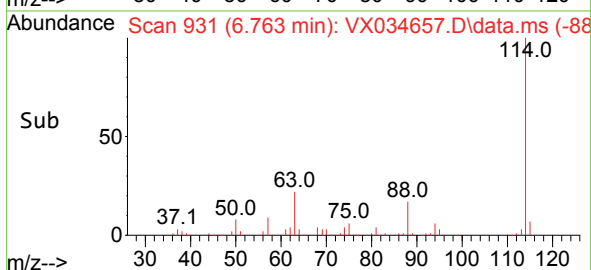
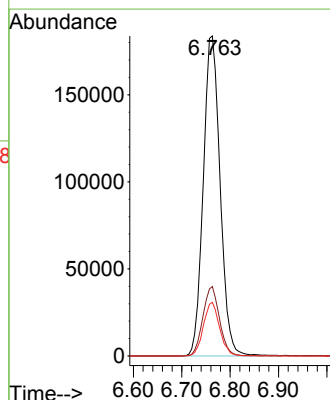
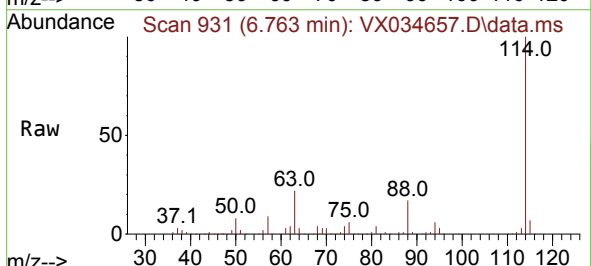
Tgt Ion: 114 Resp: 445862

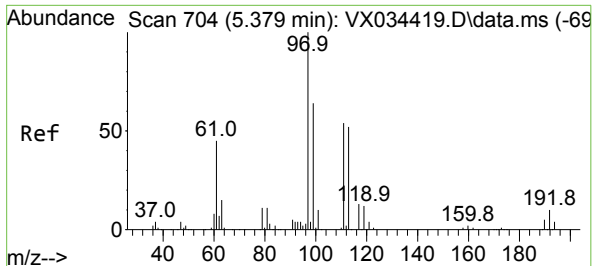
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.2

88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 44.781 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034657.D

Acq: 21 Mar 2023 16:14

Instrument :

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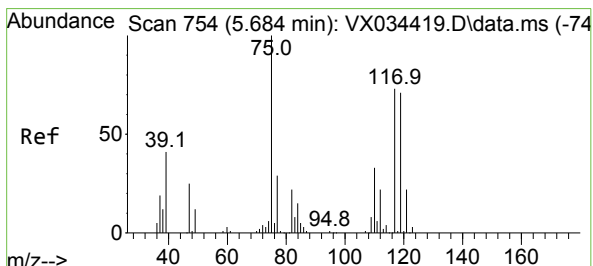
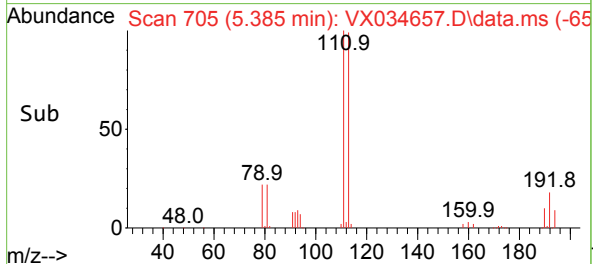
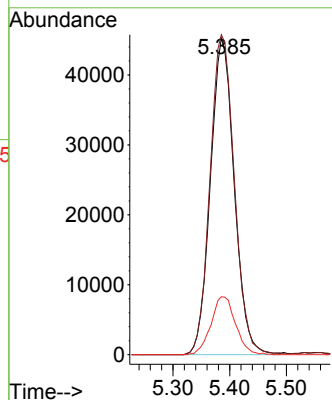
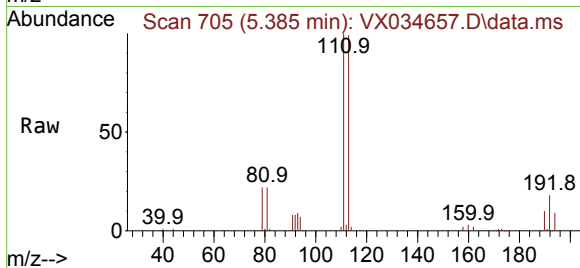
Tgt Ion:113 Resp: 131826

Ion Ratio Lower Upper

113 100

111 103.5 83.7 125.5

192 18.9 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.738 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX034657.D

Acq: 21 Mar 2023 16:14

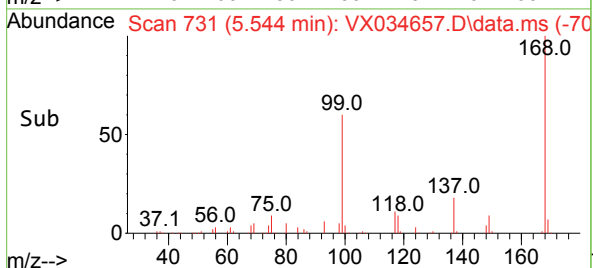
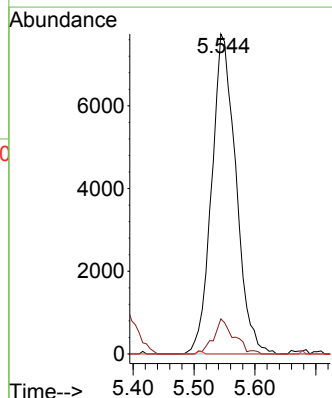
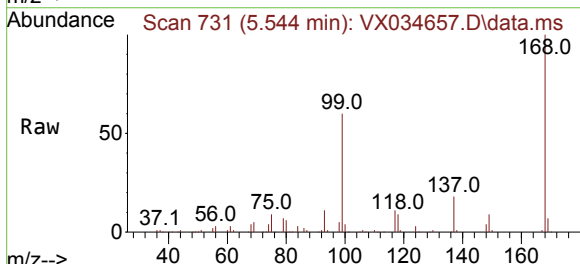
Tgt Ion: 75 Resp: 21422

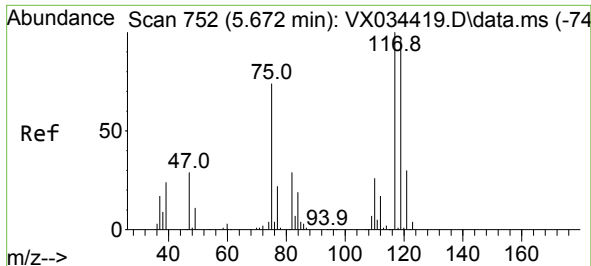
Ion Ratio Lower Upper

75 100

110 9.3 17.5 52.5#

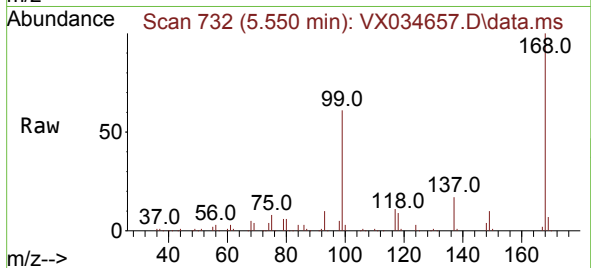
77 0.0 24.3 36.5#



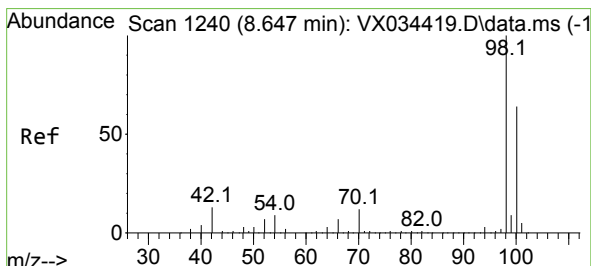
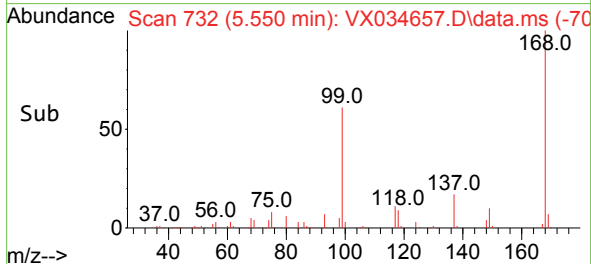
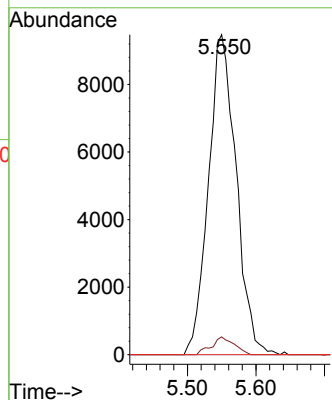


#38
Carbon Tetrachloride
Concen: 5.919 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

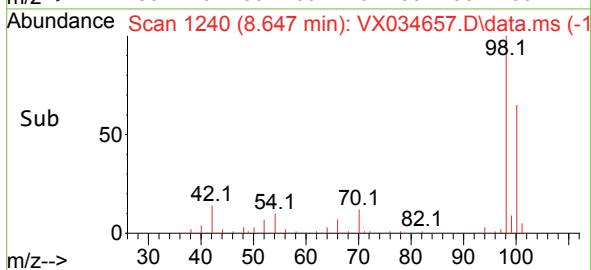
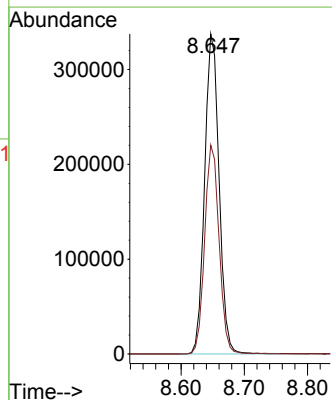
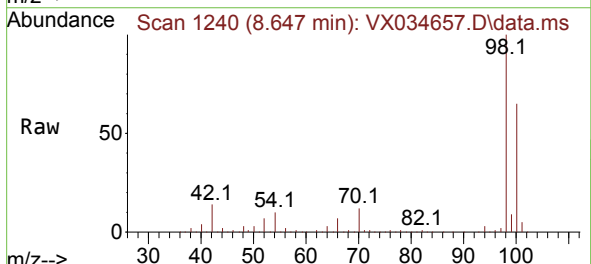


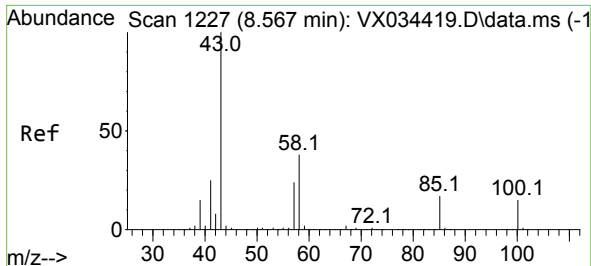
Tgt Ion:117 Resp: 26624
Ion Ratio Lower Upper
117 100
119 5.6 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.839 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

Tgt Ion: 98 Resp: 536708
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7

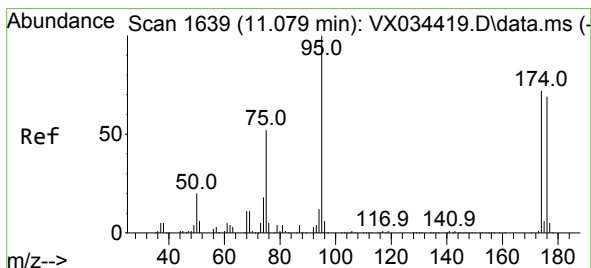
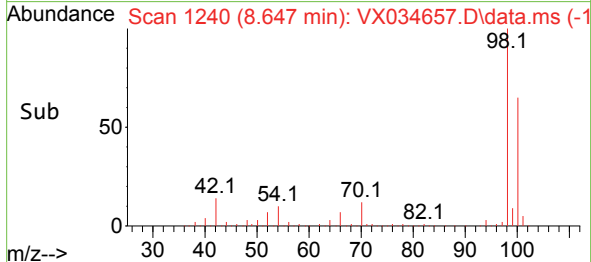
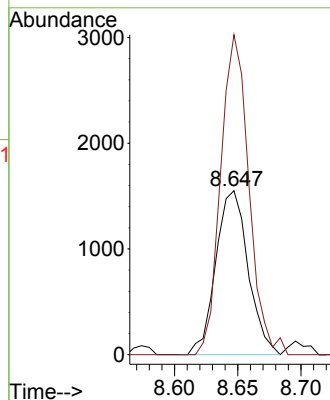
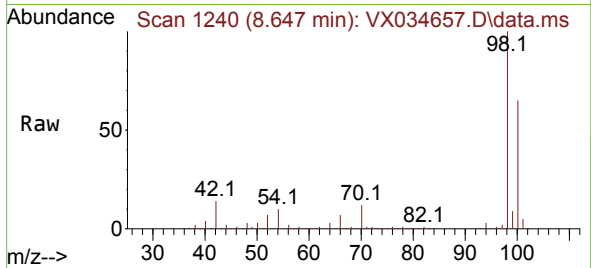




#51
4-Methyl-2-Pentanone
Concen: 0.569 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

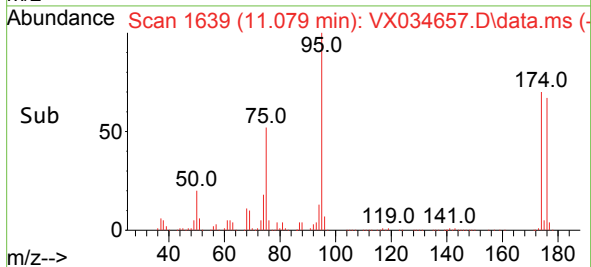
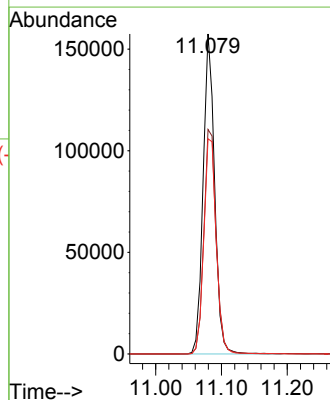
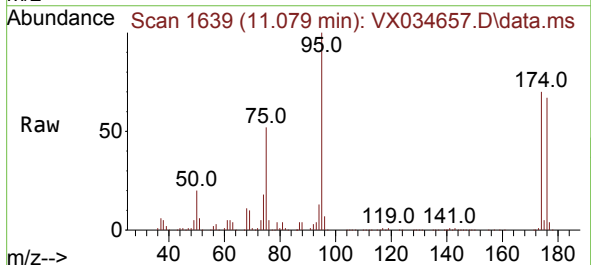
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

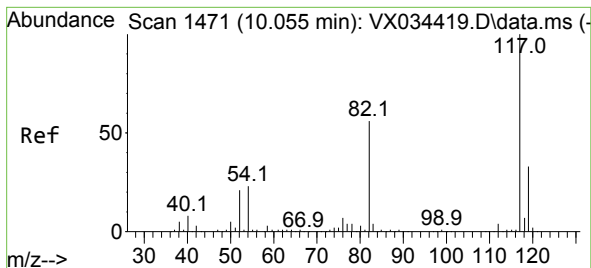
Tgt Ion: 43 Resp: 2761
Ion Ratio Lower Upper
43 100
58 170.2 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 43.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

Tgt Ion: 95 Resp: 190970
Ion Ratio Lower Upper
95 100
174 74.9 0.0 147.4
176 73.0 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034657.D

Acq: 21 Mar 2023 16:14

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

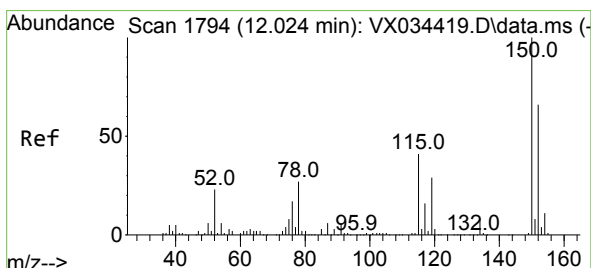
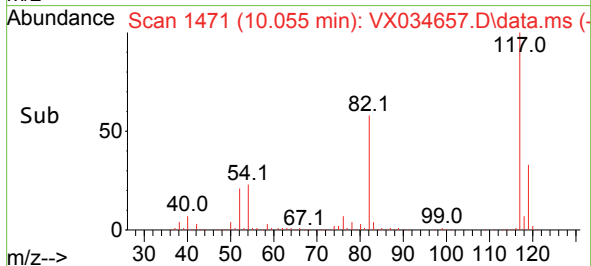
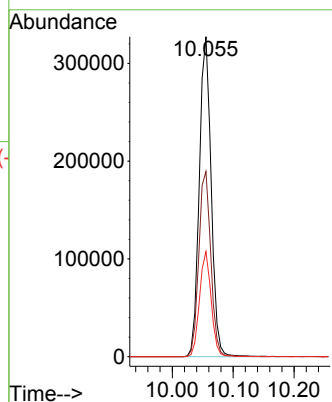
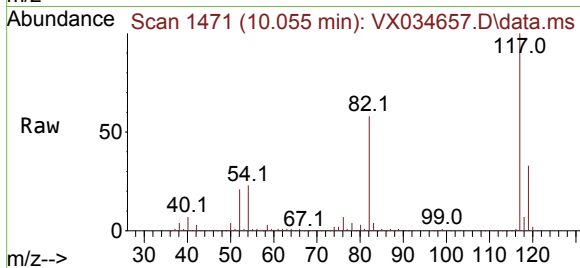
Tgt Ion:117 Resp: 441793

Ion Ratio Lower Upper

117 100

82 57.9 45.0 67.4

119 32.9 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034657.D

Acq: 21 Mar 2023 16:14

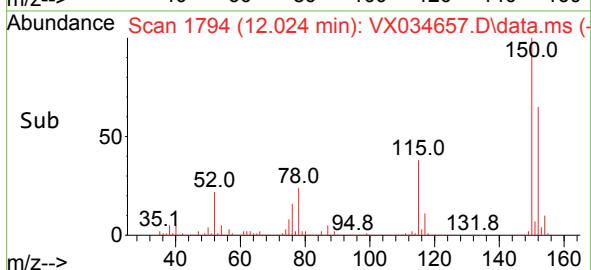
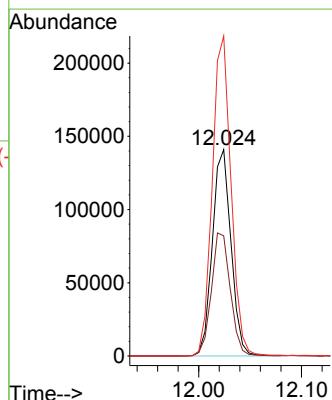
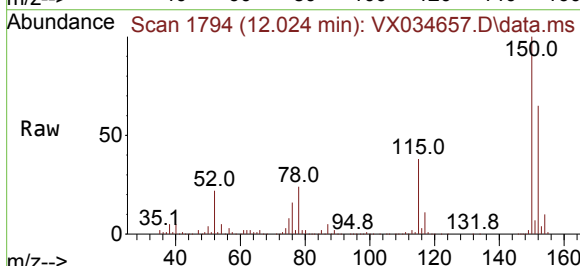
Tgt Ion:152 Resp: 177916

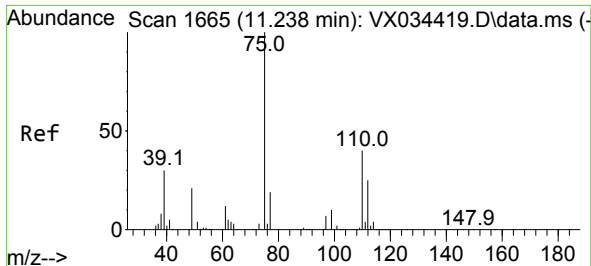
Ion Ratio Lower Upper

152 100

115 60.6 45.0 135.0

150 155.7 0.0 352.4

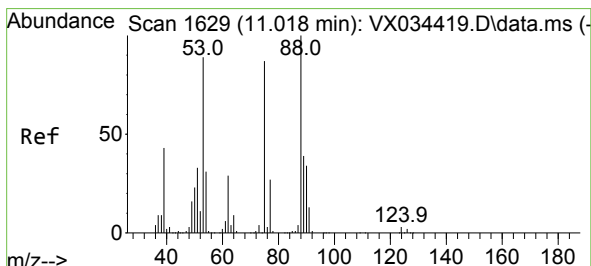
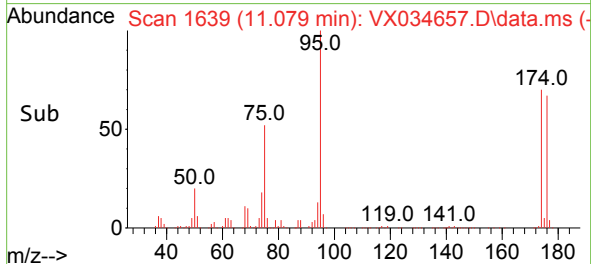
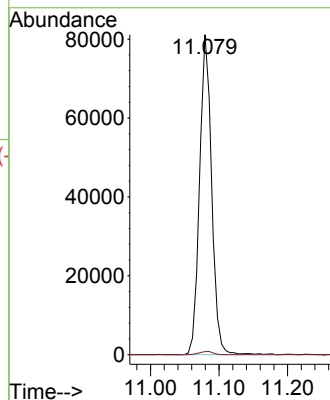
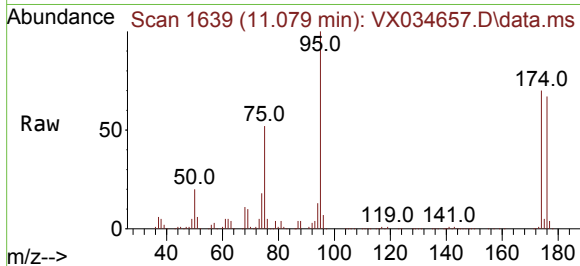




#76
1,2,3-Trichloropropane
Concen: 24.376 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 99580
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034657.D
Acq: 21 Mar 2023 16:14

Tgt Ion: 75 Resp: 99580
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

